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FACSIMILE COVER SHEET

TO: Ms. Heather D. Gibbs

FROM: John A. Krause (Reg. No. 24,613)

RE: U.S. Patent Appln. No. 09/659,841
Attorney Docket: 03500.014786

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03500.014786.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YUKITOSHI TAKEUCHI) : Examiner: Heather D. Gibbs
Application No.: 09/659,841) : Group Art Unit: 2622
Filed: September 11, 2000) :
For: IMAGE READING APPARATUS) April 28, 2005

Commissioner for Patents
Mail Stop Non-Fee Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE
PURSUANT TO 37 C.F.R. § 1.312 TO
REINSTATE AN ALLOWABLE CLAIM

Sir:

Please amend the above-identified allowed application to reinstate a claim corresponding to Claim 2 which was stated to be allowable in the Office Action dated February 11, 2004.

CLAIM AMENDMENTS:

Please add new Claim 15 to join allowed Claims 2 and 4-7, as follows.

1. (Cancelled)
2. (Previously Presented) An image reading apparatus comprising:
an original mounting table;
an image sensor for reading an original mounted on said original mounting table;
a carriage having said image sensor mounted thereon for movement to scan the original;
a driving member, arranged to transmit a moving force to said carriage;
a guide member for guiding said carriage in the movement direction thereof,
wherein said carriage is biased in a rotating direction centering about an axis perpendicular to
said original mounting table by tension of said driving member; and
a driving source mounted on said carriage for driving said carriage, a driving
pulley mounted on said carriage for transmitting a driving force from said driving source to said
driving member, and an idler pulley mounted on said carriage for biasing said driving member,
and wherein said carriage is moved by a reaction force received from said driving member,
wherein said driving member has a first portion extending parallel to said guide
member and in which the spacing between it and said guide member is a first length, a second
portion extending parallel to said guide member and in which the spacing between it and said

guide member is a second length, and a third portion which is the portion between the first portion and the second portion, and extending non-parallel to said guide member.

3. (Cancelled)

4. (Previously Presented) An image reading apparatus according to Claim 2, wherein said carriage has two sliders sliding with said guide member, and both of said sliders are biased toward said guide member by the tension of said driving member.

5. (Previously Presented) An image reading apparatus according to Claim 2, wherein said carriage is further biased toward said original mounting table by the tension of said driving member.

6. (Previously Presented) An image reading apparatus according to Claim 2, wherein said guide member has a U-shaped cross-section, rotary members are coaxially provided on said driving pulley and said idler pulley, and said two rotary members abut against the inner surface of said U-shaped guide member.

7. (Previously Presented) An image reading apparatus according to Claim 2, wherein the driving member comprises a cable or a belt.

8. - 14. (Cancelled)

15. (New) An image reading apparatus comprising:

an original mounting table;

an image sensor for reading an original mounted on said original mounting table;

a carriage having said image sensor mounted thereon for movement to scan the original;

a driving member arranged to transmit a moving force to said carriage; and

a guide member for guiding said carriage in a movement direction thereof, wherein said carriage is biased in a rotating direction centering about an axis perpendicular to said original mounting table by tension of said driving member,

wherein said driving member has a first portion extending parallel to said guide member and in which the spacing between it and said guide member is a first length, a second portion extending parallel to said guide member and in which the spacing between it and said guide member is a second length, and a third portion which is the portion between the first portion and the second portion and extending non-parallel to said guide member.

REMARKS

In an Office Action dated February 11, 2004, in the above-identified application, Claim 2 was identified as being allowable if amended so as not to depend from a rejected claim. In this regard, Applicant has now presented that claim in independent form including all of the limitations of previous Claim 1 as it existed at the time of the February 11, 2004, Office Action. In fact, the limitations of that version of Claim 1 have been clarified further to specify that an image sensor is used to scan the original.

For these reasons, Applicant respectfully requests entry of this Amendment and the inclusion of new Claim 15 as one of the allowed claims.

Applicant's undersigned attorney may be reached in our New York Office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,



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